



Code Browser - Xcode [0x90831220 - 0x9083137c]

Profile

Chart

☒ objc_msgSend

☒ vecCGSFill8by1

☒ vecCGSColorMaskCopyARGB888

Assembly

Source

Samples	Address	Code	Cycles	!	Comment	Source
	0x9083129c	stfd f2, -96(r1)	3:3			
	0x908312a0	stfd f3, -88(r1)	3:3			
	0x908312a4	stfd f4, -80(r1)	3:3			
	0x908312a8	stfd f5, -72(r1)	3:3			
	0x908312ac	stfd f6, -64(r1)	3:3			
	0x908312b0	stfd f7, -56(r1)	3:3			
	0x908312b4	stfd f8, -48(r1)	3:3			
	0x908312b8	stfd f9, -40(r1)	3:3			
	0x908312bc	stfd f10, -32(r1)	3:3			
	0x908312c0	stfd f11, -24(r1)	3:3			
	0x908312c4	stfd f12, -16(r1)	3:3			
	0x908312c8	stfd f13, -8(r1)	3:3			
	0x908312cc	stfd r1, -160(r1)	3:1			
	0x908312d0	lwz r3, 0(r3)	3:1			
	0x908312d4	bl \$+524 < class_ool	1:1			
	0x908312d8	mr r12, r3	1:1			
	0x908312dc	mtctr r3	* 2:2			
	0x908312e0	lwz r1, 0(r1)	3:1		Stall = 2	
	0x908312e4	lwz r0, 8(r1)	3:1		Stall = 2	
	0x908312e8	mtlr r0	* 2:2	<input type="checkbox"/>	Serializing	
	0x908312ec	lfd f1, -104(r1)	4:1			
	0x908312f0	lfd 42, -96(r1)	4:1			
	0x908312f4	lfd f3, -88(r1)	4:1			
	0x908312f8	lfd f4, -80(r1)	4:1			

0x90831220

0x9083137c

CPU Model: 7450

13 of 127 samples (10.2%), 1 of 88 instructions (1.1%) selected

FIG. 1

Samples	Address	△	Code	Cycles	!	Comment	Source
3.5%	0x90831220		cmplwi r3, 0x000	1:1			
	0x90831224		beq \$+292 <objc_msgSer	1:1			
5.3%	0x90831228		lwz r12, 0(r3)	3:1		Stall=2, Loop	
14.2%	0x9083122c		lwz r12, 32(r12)	3:1		Stall=1	
13.3%	0x90831230		stw r9, 48(r1)	3:1			
3.5%	0x90831234		lwz r11, 0(r12)	3:1		Stall=1	
	0x90831238		addi r9, r12, 8	1:1			
12.4%	0x9083123c		swi r11, r11, 2	1:1			
0.9%	0x90831240		and r12, r4, r11	1:1			
2.7%	0x90831244		lwzx r2, r9, r12	3:1		Stall=1, Loop	
	0x90831248		addi r12, r12, 4	1:1			
16.6%	0x9083124c		cmplwi r2, 0x000	1:1			
	0x90831250		beq \$+36 <objc_msgSer	1:1			
0.9%	0x90831254		lwz r0, 0(r2)	3:1		Stall=1	
	0x90831258		and r12, r12, r11	1:1			
15.0%	0x9083125c		cmplwi r0, r4	1:1			
	0x90831260		bne \$-28 <objc_msgSer	1:1		Loop end[2]	
0.9%	0x90831264		lwz r12, 8(r2)	3:1		Stall=2	
6.2%	0x90831268		mtctr r12	*2:2			
3.5%	0x9083126c		lwz r9, 48(r1)	3:1			

FIG. 2

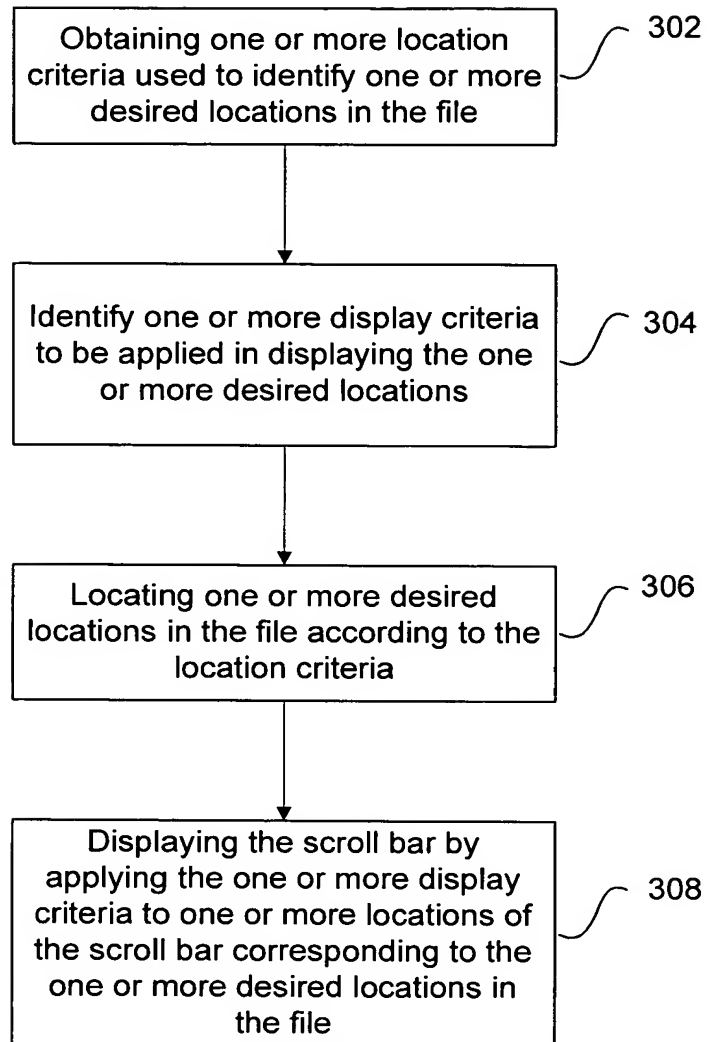


FIG. 3

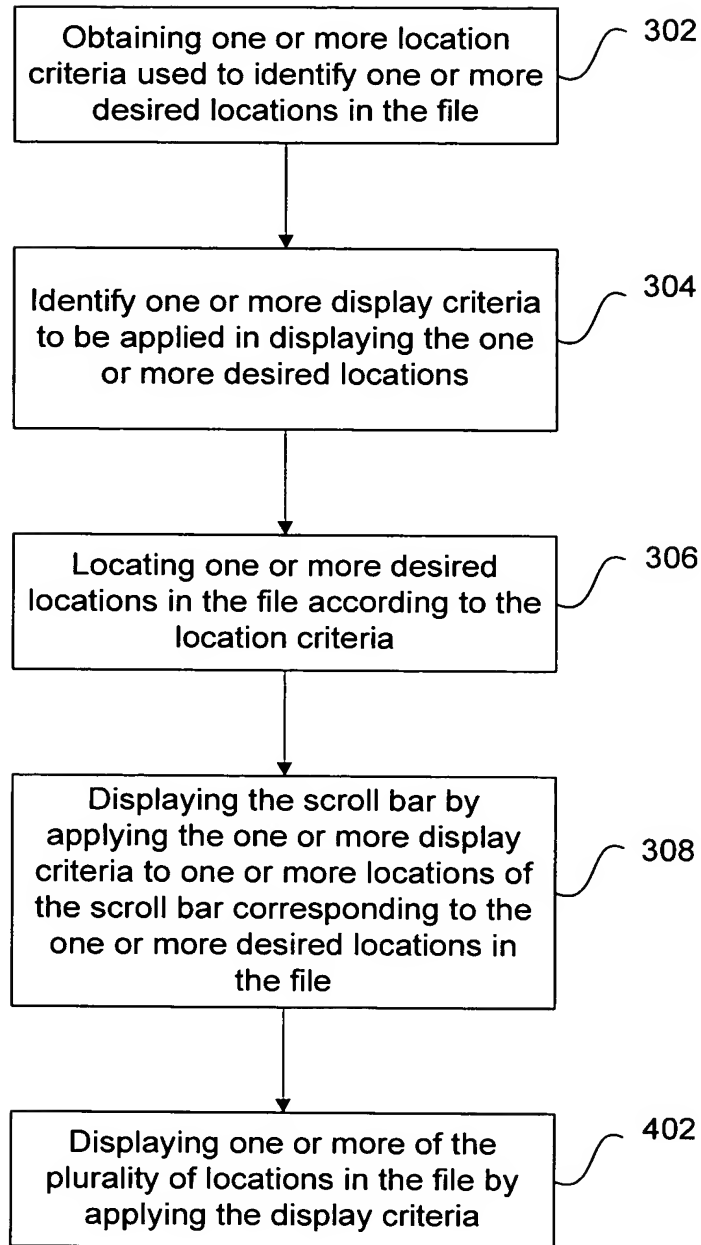


FIG. 4

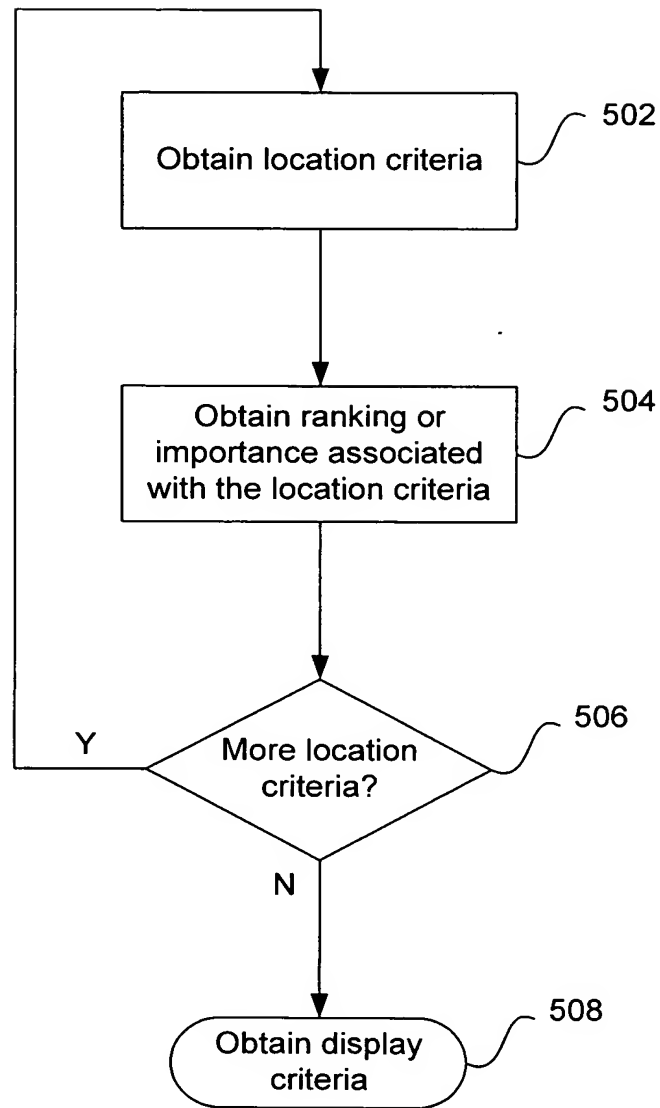


FIG. 5

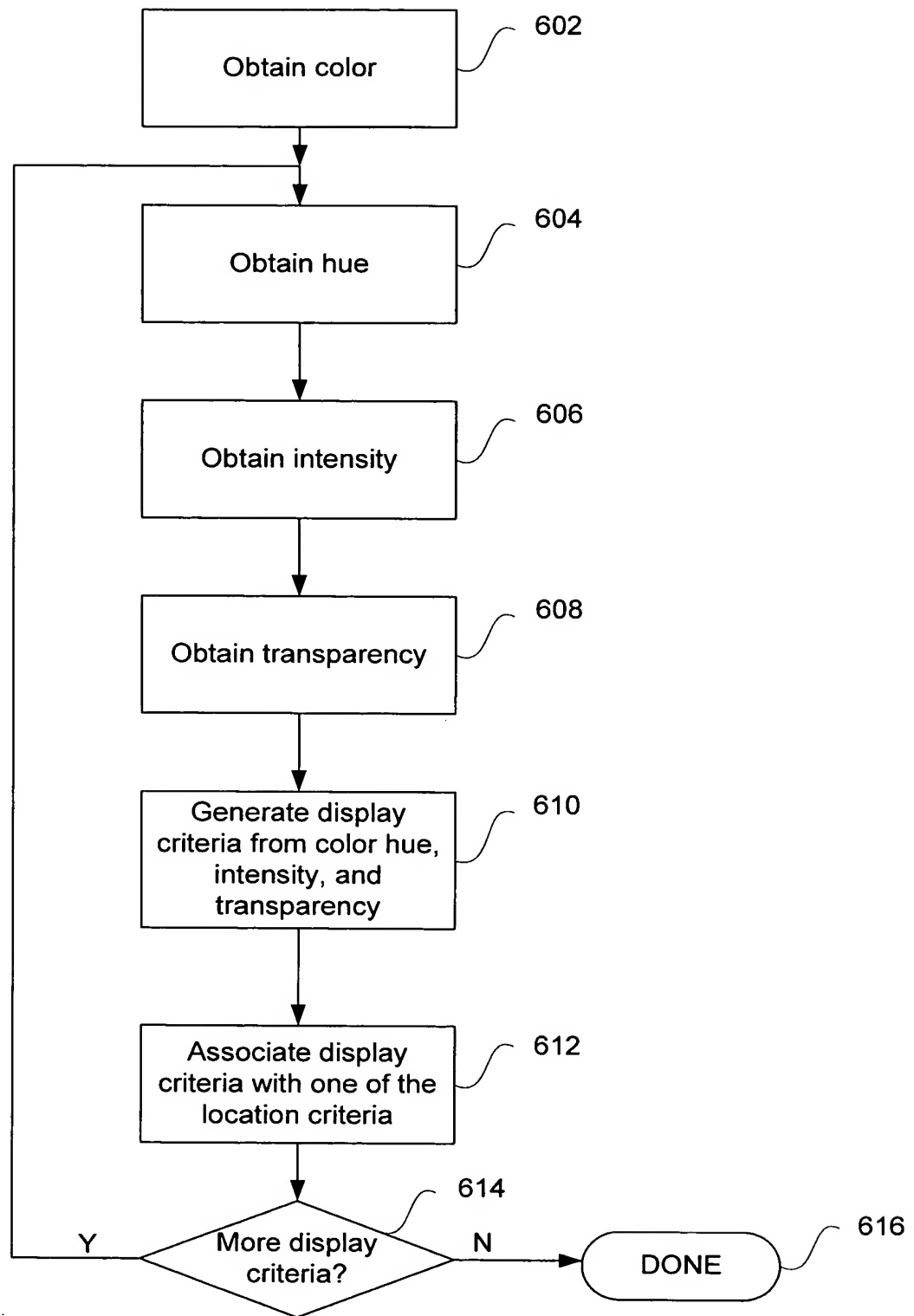


FIG. 6

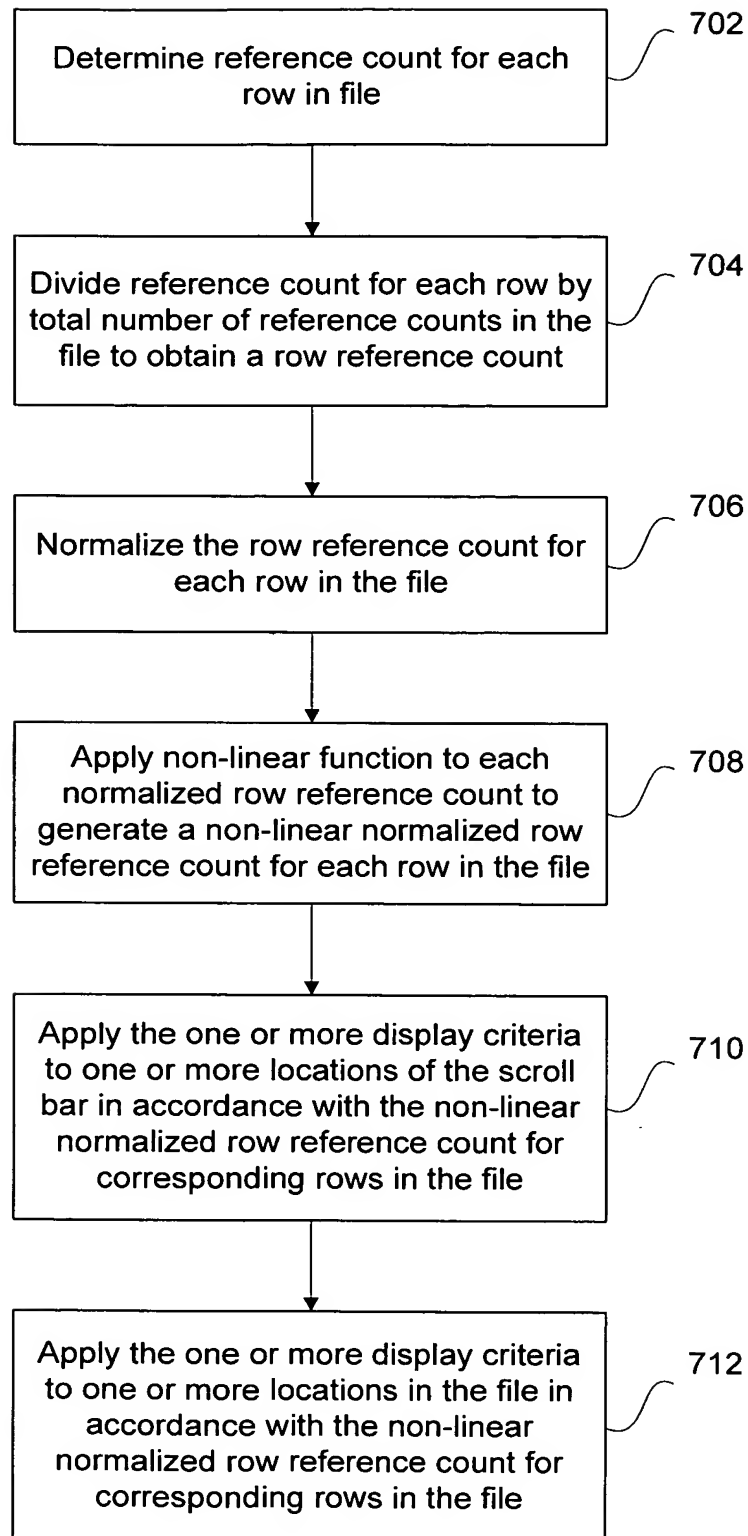


FIG. 7

	Ref Count	Linear	Linear
Granule 0	0	0.00	0.00
Granule 1	4	0.17	0.42
Granule 2	6	0.26	0.51
Granule 3	0	0.00	0.00
Granule 4	0	0.00	0.00
Granule 5	0	0.00	0.00
Granule 6	10	0.43	0.66
Granule 7	3	0.13	0.36
Granule 8	0	0.00	0.00
Granule 9	0	0.00	0.00
Total	23		

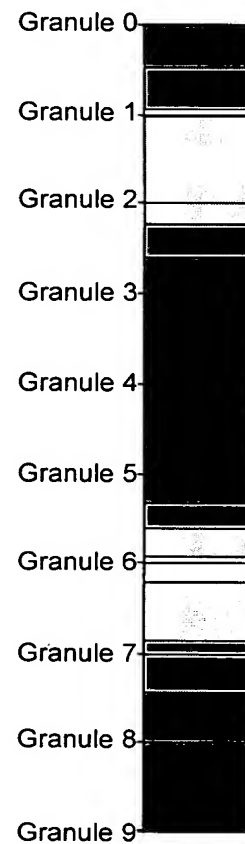
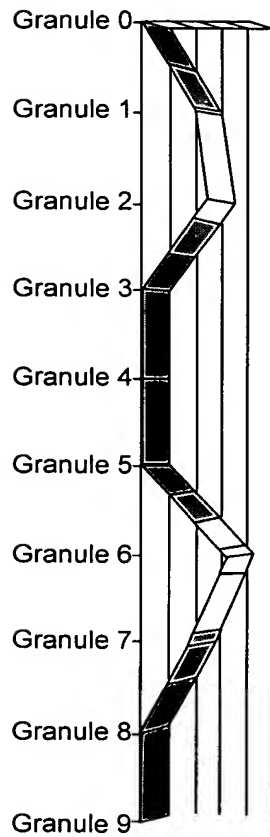


FIG. 8

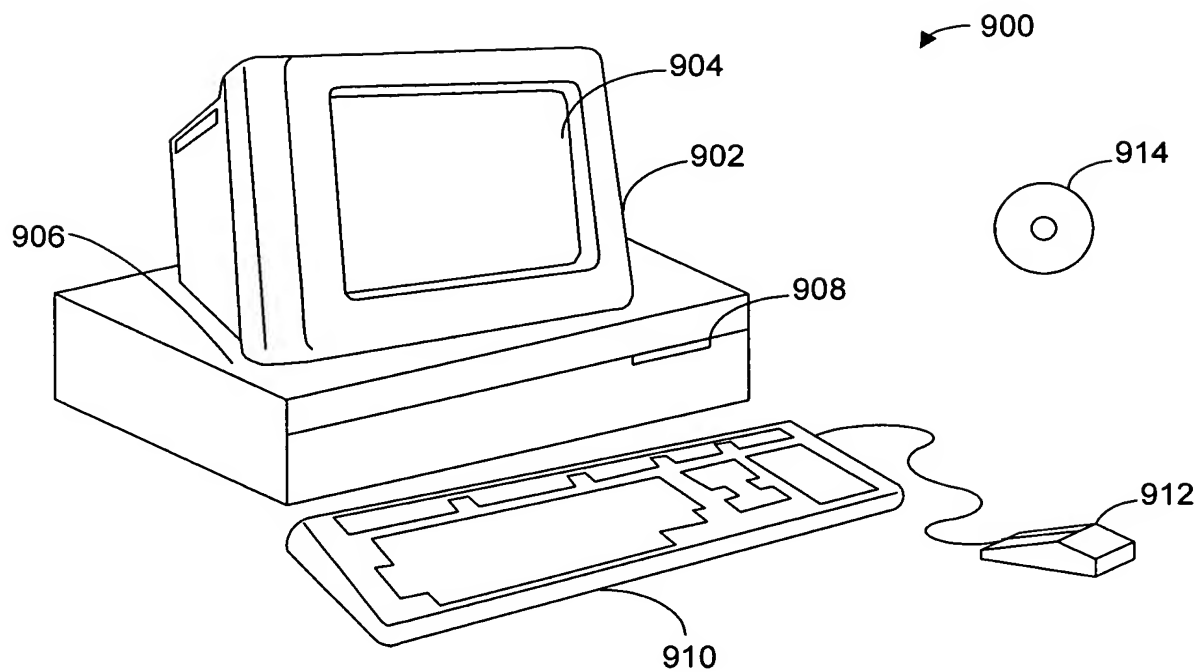


FIG. 9

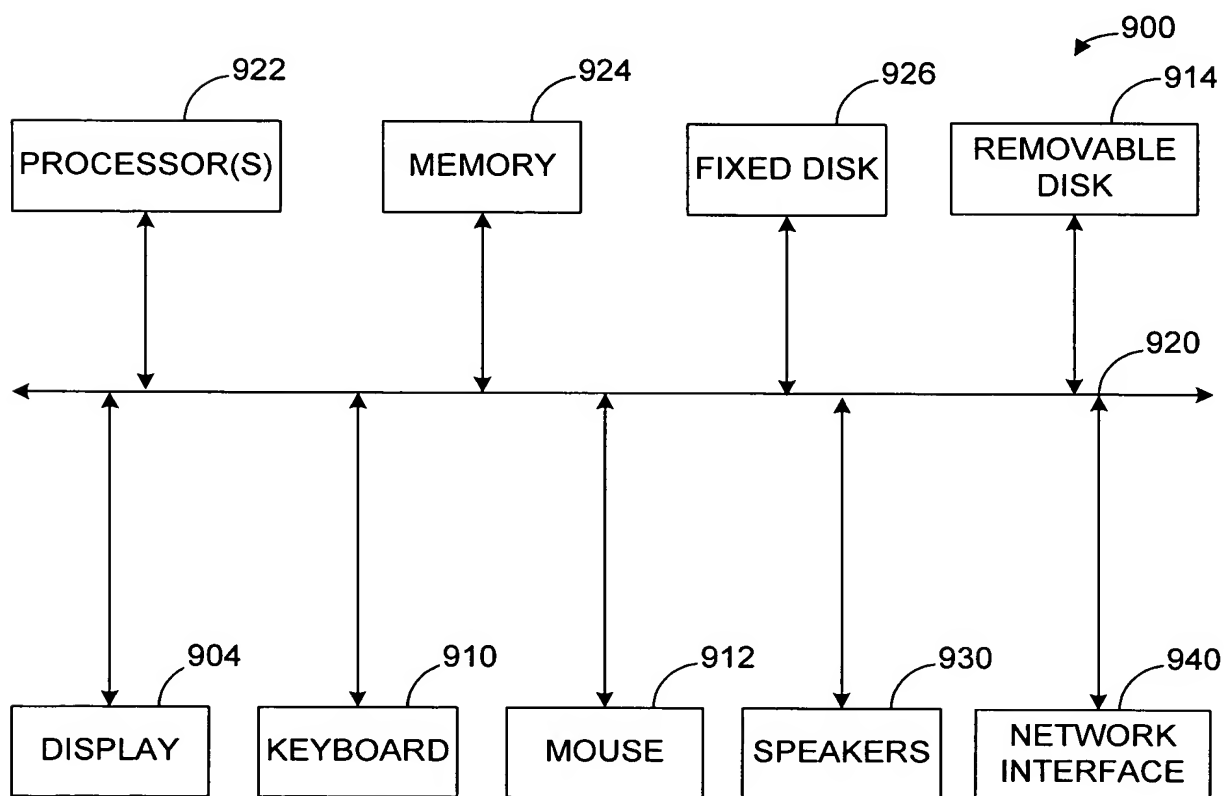


FIG. 10